

Appl. No. 09/756,052
Response to March 15, 2004 Non-Final Office action

AMENDMENT TO THE SPECIFICATION

Please replace the paragraph beginning on line 16, page 4, and ending at line 12, page 5 with the following paragraph:

There are several drawbacks with this technique, however. First, The down loader code can be quite significant in size. In the MSN Companion, for example, the down loader includes basic kernel code, file system drivers, TCI/IP stack code, communication device drivers, WinINET code, security, and display drivers. Adding more storage to such devices can be prohibitively expensive, since it would likely require additional persistent memory (e.g., FLASH memory). Secondly, the down loader itself in such a configuration cannot be upgraded. This could present a problem in the long run since, for example, the communication protocols, which the down loader uses, may need to change over time to keep up with the evolving communications technology and/or infrastructure. Thus, keeping the down loader fixed forever would be troublesome. For managed devices connected to the Internet, it may also be desirable to change Internet service providers (ISPs) from time to time. A fixed down loader, however, could make changing ISPs difficult, if not impossible. Thirdly, a fixed down loader simply simply cannot provide newer and potentially richer user interactivity features that enhance the upgrade process. To keep the down loader's size to a minimum, designers usually have to reduce the number and variety of such user features. For example, for certain managed devices it would be nice to show the user information about any new enhancements during the often long upgrade download. The code required to provide this and other capabilities tends to be too large in size to provide in a typical fixed down loader.